RAW SEQUENCE LISTING
ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH

The Biotechnology Systems Branch of the Scientific and Technical Information
Center (STIC) detected errors when processing the following computer readable
form:

Application Serial Number: 10/618,716
Source: STW16-04
Date Processed by STIC: 10-22-04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE
    APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A
    NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT
MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE __CHECKER__
__VERSION 4.2 PROGRAM__, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
>   http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is
a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the
United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission
    User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
    U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby,
    Room 1B03, Arlington, VA 22202

Revised 05/17/04

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10/018,716

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1____ Wrapped Nucleics / Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .J; this will prevent "wrapping."

2____ Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.

3____ Misaligned Amino Numbering The numbering under each 5ᵗʰ amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4____ Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5____ Variable Length Sequence(s)____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing

6____ PatentIn 2.0 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) ____. Normally, PatentIn would automatically generate this section from the subsequent amino acid sequence. Please manually copy the relevant <220>-<223> section to the previously coded nucleic acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7____ Skipped Sequences (OLD RULES) Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence
(2) INFORMATION FOR SEQ ID NO X (insert SEQ ID NO where "X" is shown)
(i)　　SEQUENCE CHARACTERISTICS (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION SEQ ID NO X (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES" response to include the skipped sequences.

8____ Skipped Sequences (NEW RULES) Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence
<210> sequence id number
<400> sequence id number
000

9____ Use of n's or Xaa's (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents

10____ Invalid <213> Response Per 1.823 of Sequence Rules, the only valid <213> responses are Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence

11____ Use of <220> Sequence(s) ____ missing the <220> "Feature" and associated numeric identifiers and responses
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32)　(See 1.823 of Sequence Rules)

12____ PatentIn 2.0 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13____ Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid

AMC – Biotechnology Systems Branch – 09/09/2003

IFW16

```
RAW SEQUENCE LISTING                    DATE: 12/22/2004
PATENT APPLICATION:  US/10/018,716      TIME: 13:15:56

Input Set : N:\FATIMA\10018716.txt
Output Set: N:\CRF4\12222004\J018716.raw

 4 <110> APPLICANT: Labarbera, Andrew
 5        Wang, YiFang
 6        Zhu, ChangHong
 8 <120> TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR FERTILITY
 9        AND MENSTRUAL CYCLE REGULATION AND FOR CHEMOPREVENTIVE AND
10        CHEMOTHERAPEUTIC USE
12 <130> FILE REFERENCE: 91830/0476600
14 <140> CURRENT APPLICATION NUMBER: 10/018,716
15 <141> CURRENT FILING DATE: 2002-03-28
17 <150> PRIOR APPLICATION NUMBER: 60/136,489
18 <151> PRIOR FILING DATE: 1999-05-28
20 <150> PRIOR APPLICATION NUMBER: 60/158,612
21 <151> PRIOR FILING DATE: 1999-10-08
23 <150> PRIOR APPLICATION NUMBER: US00/13488
24 <151> PRIOR FILING DATE: 2000-05-16
26 <160> NUMBER OF SEQ ID NOS: 4
28 <170> SOFTWARE: FastSEQ for Windows Version 4.0
30 <210> SEQ ID NO: 1
31 <211> LENGTH: 18
32 <212> TYPE: DNA
33 <213> ORGANISM: Nucleic Acid
35 <400> SEQUENCE: 1
36 gagcagggcc ataattat
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 18
40 <212> TYPE: RNA
41 <213> ORGANISM: Nucleic Acid
43 <400> SEQUENCE: 2
44 auaauuaugg cccugcuc
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 18
48 <212> TYPE: DNA
49 <213> ORGANISM: Nucleic Acid
51 <400> SEQUENCE: 3
52 gagcaaggac atgattat
54 <210> SEQ ID NO: 4
55 <211> LENGTH: 18
56 <212> TYPE: RNA
57 <213> ORGANISM: Nucleic Acid
59 <400> SEQUENCE: 4
60 auaaugaugu ccuugcuc
```

C--> 15

Does Not Comply
Corrected Diskette Needed
(p.1)

— Invalid Response

— Invalid Response

— Invalid Response

— Invalid Response

← Mandatory

18 <213>
response
18 has to be
either
Artificial
Unknown
or
Genus/
Species.

7 See item #10 on error Summary sheet.

VERIFICATION SUMMARY   DATE: 12/22/2004
PATENT APPLICATION: US/10/018,716   TIME: 13:15:57

Input Set : N:\FATIMA\10018716.txt
Output Set: N:\CRF4\12222004\J018716.raw

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date